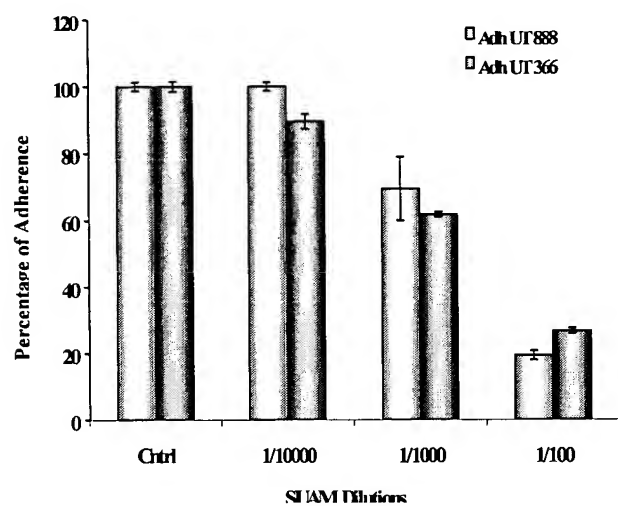
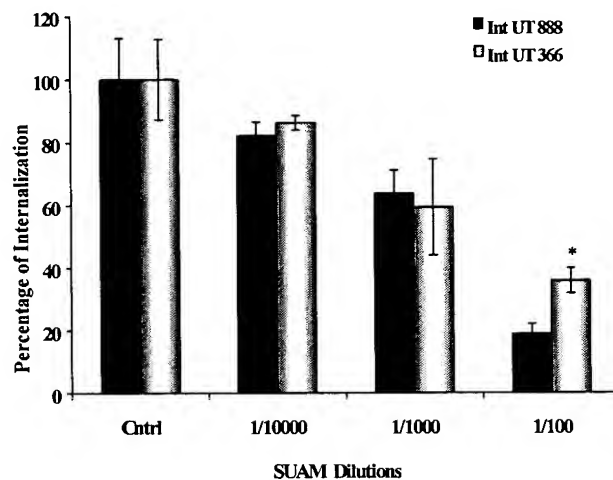
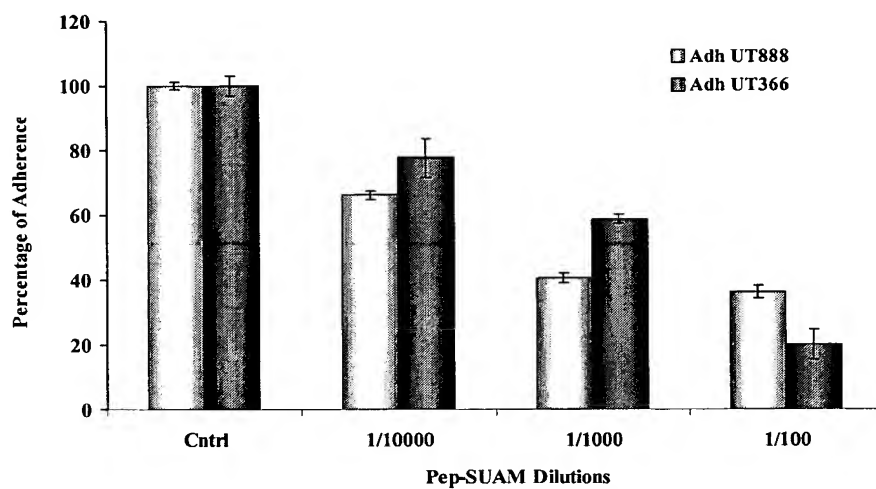
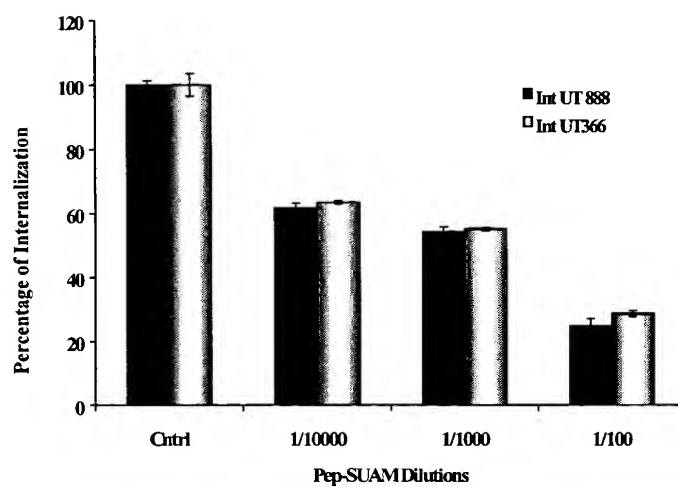


A**B****C****D****FIGURE 1**

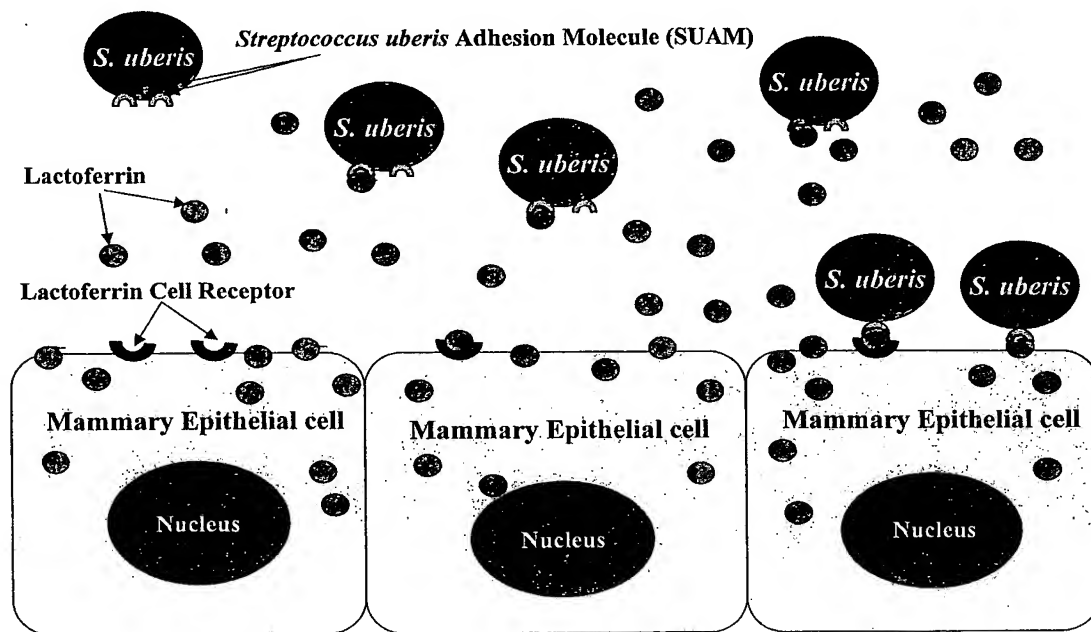


FIGURE 2

ATGATTAGTCTTCTATCCGAATTTGATAGTCATTTGGTAGGAGTGGCTGTTTTTGGCTGAAA
ATGCTAAAGAAGAACGTGAACAGATGGCATATAAATCATTGCTTAAAGTTTCTGAAATAG
ATGTCAAGAACAATAAAGTCGTCGTTGAAGTTGGGAATATTTTAAACGATATATAATGTAT
GGAGAGAAAAAGGAATATTATGGAATTCGAAAACACAAAATCTAATCAGATTAAAAACA
ACACTTGCTTTAACGTCAACACTCGCACTTCTTGGAACCTGGTGTGGTATGGGACATACCG
TTAATGCGGATGACATGACAACCTGCTGATCAATCACCTAAATTACAAGGTGAAGAAGC
AACATTGGCGCCTACAAAACATTGAAGATACTAAAGCAGCCATTGATATTAACACAGCTAC
ATTAGCAGAACAACCGATGCTCTTAATACTGTAAATGAGACAATCACAAGCACAAATGA
AGAATTAGCTACTTTAGAAGGAGGCTTAGCTGATAAAGAAACAGCAGTTGCAGATGCTGA
AAAAACATTGGAGTCTGTTTCAAATGCCTCAGAAGAAGAATTTAATCAATTAGCAGAACA
AAATAAAGCTGACTTAGCTAAAACCTCAAGAGGAGCTAAAACCTTGCTGAAGCAACAAAAG
AAGAAGTTGCAACACAGGTATTGACACAATCTGACGAGGTAACAGCTGCAGCTAATGAAG
CTAAAAAATGGCTGAAAAAGTTGCACAAGCAGAGACAAAAGTTTCAGACTTGACGAAA
ATGGTCAATCAACCAGAAGCAATAACAGCTCAAGTTGAAATAGAACAAAACAATGTCAA
AATCATTTTCGGAAGATTTAGCAAAAGCCAAAACCTGATTAGTTGCTGTAACAGATAATAC
AAAAACACAATTAGCAAATGATTTAGCGACTGCTCAATCTAGCTTAAGTGCCAAAACAAA
TGAATTAGCTAAAGTACAGTCACAAACAAGTAATGTGCGAGTGAATGTTATGGGTGCTAA
TAAATGGTTGCTCCAATAATTACCAATTAATGAAATCAAAAAATTAATGTCAAGTGG
TTACATTGGGACACAATCTTATCTAAATACATTCTATGCTTTAAAAGATCAACTGGTTTCT
AAAGCAGAAGTTGGGGCATACTTAAATCATTACGTTGATATCGCAAGTGACTTAAACCGT
ATCGTTAACCAGATAACTTATCAGTTGAGGTTCAAAATGAATTGGCTGTATTTGCAGCAA
CATTGATTAATTCTGTTCTGCAACAATTTGGTCTTTCTGCGAGTCGAAGTGACGCAAGGTGC
TCAAGAGTTTGTCTGCACTTTGACTCGAAACTATAAAGTAACACATGGAAACACTGTTCT
TTCTTTAATTACAATCAACCTGGCAAGAATGGTCATATAGGCATTGGTCCACACGATAGAA
CAATTATCGAACAAGCAGCTACAAGTGTGGCTTAAAAGCTAATGATGATAATATGTATG
AAAACATCGGATTCTTTGATGATGTTTCACTGTTAATGGTATCAAACGTAGTATTTATAA
CAGTATTAAGTACATGCTGTTTACAGACTTCACCTATGGAAATACATTTGGACATACGGT
AACTTGTTGCGTTCTGATAAAAACAAACCAAGTGCTCCGGTCTATTTAGGAGTTTCAACAG
AACTGTTGGTGGTTTAAATACCCACTATGTTATCTTCCCGGCAAGCAATATTGTAATGC
CAGCCAACCTTGAAAAAGAACTAGCCTTTAACTCTCATCCAAATCGTGAAAAAGTTGCA
AATTAGCACTCTTCAAGCAAGTATTACTTCTGTTGAGTCTAAAATTCAAACCTTACAAAA
CGTATTGCAAAATATTTCTTCAGAAGCACTAGTTGTCTCTGCACAGAGAAAAGTAGATGGTT
TAGCTGCAAAACCTCAAAAAGCTGAATCTAACGTTGAAAAAGCAAAAAGCTCAACTTCAAC
AGTTACAAGATTCAAAAGAAAGATTTACATAAAACAACCTTGCTTTTTCCCTTTCAACTCGTAA
GGATTTAAAAGGTCAACTTGACGAATCGCTTGTTACCTAAATCAGTCTAAAATTTCTTTTA
CATAGCTTAGAAGAAAAACAAAGTCAAGTGGAAGTCAAAATTAACGTCTTGACATTGAAG
AAGGCACAACCTTGAAAAAGAACTAGCCTTTAACTCTCATCCAAATCGTGAAAAAGTTGCA
AAAGAAAAAGTTGAAGAGGCTCAAAAAGCATTAACAGAAACCTTATCTCAAATTAACCT
AAAAAGCTATCTTAAATGATTTAACACAAGAAAAAGCAAAATTGACGTGACGAATCACA
ACAACCTGAACAACAAATGTTTTGTTGAAGAATCATTTAGCAAATCAAGTGCGAATGCT
CCAAAAATCAGCAGTATTGTCCAAAGATCAGAAAACAATAGAGTAAGACCTGATGTTTCT
GATACAAGAGAGAAGGCAGTAGATACTGCTCAAGAAGCGACAATTCTTGCTCAAGCAGA
AACAATGGCTGAAGAAGTCATTACAAATTTCTGCAAAAAGCCATTGTTGCAAATGCTCAAAA
TGTTGCACAAGAGATTATGAAAGTAGCACCTGAAGTAACACCTGATCAAGGAGTTGTTGC
AAAAGTTGCAGATAATATTAAGAAAAATAATGCCCCAGCAAGTAAATCATATGGTGCAAG
TTCATCAACGGTAGGAAATGCTACTTCTTACGAGATGAAAGTACAAAACGTGCTTTAAG
AGCAGGAATTGTTATGCTGGCAGCAGCAGGACTTACTGGTTACAACTCAGAAGAGATGG
CAAAAAATAAGAAATCAAGGAAAAATTGATTGACAGAAAGTACCGTCTATGTTACTAT
AGTAGACGGTACTTTTTACTTTTGGTCTCTCAAAAGTGTACAGAGACGTGCTGACAATTGT
TGCAAAAGTACACACAGATATAGGCTGTCACCAAGTGCTATATCAACCAAAAAATAAAAA
ATACAGGAGAATGTAGATGCCTACAATTAAC

FIGURE 3

LVFYFYNLIVIEWEFLFKMLKKNVNRWHINHCLKFLKMSRTIKSSLKLGIFLTIYNVW
REKGNIMEFENTKSNQIKTTLALTSTLALLGTGVGMGHTVNADDMTTADOSPKLO
GEEATLAPTNIEDTKAAIDIKTATLAEQTDALNTVNETITSTNEELATLEGGLADKET
AVADAECTLESVSNASEEEFNQLAEQNKADLAKTQEELKLAEATKEEVATQVLTQS
DEVTAANEAKKMAEKVAQAETKVSDLTKMVNQPEAITAQVEIEQNNVKIISEDLA
KAKTDLVAVTDNKTQLANDLATAQSSLSAKQNELAKVQSQTSNVAVNVMGANK
MVAPTNYPIEIKKLMSSGYIGTQSYLNTFYALKDQLVSKAEVGAYLNHYVDIASDL
NRIVNPDNLSVEVQNELAVFAATLINSVRQQFGLSAVEVTQGAQEFARTLTRNYKVT
HGNTVPPFFNYNQPGKNHGIGPHDRTIIEQAATSVGLKANDDNMYENIGFFDDVHT
VNGIKRSIYNSIKYMLFTDFTYGNTFGHTVNLLRSDKTNPSPVYLGVSTETVGGLNT
HYVIFPASNIVNASQFSKQVVSGPLTTVDNSAKISTLQASITSVESKIQTLOKRANISSE
ALVVSARQKVDGLAAKLQKAESNVEKAKAQLQQLQDSKEDLHKQLAFSLSTRKDL
KGQLDESLVHLNQSKILLHSLEEKQSQVASQINVLTLLKKAQLEKELAFNSHPNREKV
AKEKVEEAQKALTETLSQIKTKKAILNDLTQEKAKLTSAITTTEQQIVLLKNHLANQV
ANAPKISSIVQRSENNRVRPDVSDTREKAVDTAQEATILAQAEATMAEEVITNSAKAIV
ANAQNVAQEIMKVAPEVTPDQGVVAKVADNIKKNNAPASKSYGASSSTVGNATSSR
DESTRALRAGIVMLAAAGLTGYKLRRDGKK-ENQRKN-LTESTVYVTIVDGTIFYFW
SLKSVQRRADNCKCKSTHRYRLSPSAISTKNKKIQENVDAYN

FIGURE 4

GTCATTTGGTAGGAGTGGCTGTTTTTCTGAAAATGCTAAAGAAGAACGTGAACAGATGG
 CATATAAATCATTGCTTAAAGTTTCTGAAATAGATGTCAAGAACAATAAAGTCGTCGTTGA
 AGTTGGGAATATTTTAAACGATATATAATGTATGGAGAGAAAAAGGAATATTATGGAAC
 TCGAAAACACAAAATCTAATCAGATTAAAACAACACTTGCTTTAACGTCAACACTCGCAC
 TTCTTGGAAGTGGTGGTATGGGACATACCGTTAATGCGGATGACATGACAAGTCTG
ATCAATCACCTAAATTACAAGGTGAAGAAGCAACATTGGCGCCTACAAACATTGAAGA
 TACTAAAGCAGCCATTGATACTAAAACAGCTACATTAGCAGAACAACCGATGCTCTTAA
 TACTGTAAATGAGACAATCACAAGCACAAATGAAGAATTAGCTACTTTAGAAGGAGGCTT
 AGCTGATAAAGAAACAGCAGTTGCAGATGCTGAAAAAACATTGGAGTCTGTTTCAAATGC
 CTCAGAAGAAGAATTTAATCAATTAGCAGAACAATAAAGCTGACTTAGCTAAAACCTCA
 AGAGGAGCTAAAACCTTGCTGAAGCAACAAGAAGAAGTTGCAACACAGGTATTGACAC
 AATCTGACGAGGTAAACAGCTGCAGCTAATGAAGCTAAAAAATGGCTGAAAAAGTTGCA
 CAAGCAGAGACAAAAGTTTCAGACTTGACGAAAAATGGTCAATCAACCAGAAGCAATAAC
 AGCTCAAGTTGAAATAGAACAACAATGTCAAAATCATTTCGGAAGATTAGCAAAATGATTTAGC
 CAAAACCTGATTTAGTTGCTGTAAACAGATAATAACAACAACAATTAGCAAAATGATTTAGC
 GACTGCTCAATCTAGCTTAAGTGCCAAACAATGAATTAGCTAAAGTACAGTCACAAAC
 AAGTAATGTGCGAGTGAATGTTATGGGTGCTAATAAATGGTTGCTCCAATAATTACCCA
 ATTAATGAAATCAAAAAATTAATGTCAAGTGGTTACATTGGGACACAATCTTATCTAAAT
 ACATTCTATGCTTTAAAAGATCAACTGGTTTCTAAAGCAGAAGTTGGGGCATACTTAAATC
 ATTACGTTGATATCGCAAGTGACTTAAACCGTATCGTTAACCCAGATAACTTATCAGTTGA
 GGTTCAAAATGAATTGGCTGTATTTGCAGCAACATTGATTAATTCTGTTCTGTCAGCAATTT
 GGTCTTTCTGCAGTCGAAGTGACGCAAGGTGCTCAAGAGTTTGCTCGCACTTTGACTCAAA
 ACTATAAAGCAACACATGGAAACACTGTTCTTTCTTTAATTACAATCAACCTGGCAAGAA
 TGGTCATATAGGCATTGGTCCACACGATAGAACAATTATCGAACAAGCAGCTACAAGTGT
 TGGCTTAAAAGCTAATGATGATAACATGTATGAAAACATCGGATTCTTTGATGATGTTTCA
 ACTGTTAATGGTATCAAACGTAGTATTTATAACAGTATTAAGTACATGCTGTTTACAGACC
 TCACCTATGGAAATACATTTGGACATACGGTTAACTTGTGCGTTCTGATAAAAAACCC
 AAGTGCTCCGGTCTATTTAGGAGTTTCAACAGAACTGTTGGTGGTTTAAATACCCACTAT
 GTTATCTTCCCGGCAAGCAATATTGTAATGCCAGCCAGTTTCAGCAAAACAGTGGTTTCAG
 GTCCATTAACAACAGTTGATAACAGTGCTTAAATAGCACTCTTCAAGCAAGTATTGCTTC
 TGTTGAGTCTAAAATTCAAACCTTACAAAAACGTATTGCAAATATTTCTTCAGAAGCACTA
 GTTATCTCTGCACAGAGAAAAAGTAGATGGTTTAGCTGCAAACTTCAAAAAGCTGAATCT
 AACGTTGAAAAAGCAAAAGCTCAACTTCAACAGTTAAAAAGATTCAAAAAGAAGATTTACAT
 AAACAACCTTGCTTTTGCCCTTTCAACTCGTAAGGATTTAAAAGGTCAACTTGACGAATCGC
 TTGTTACCTAAATCAGTCTAAAATCTTTTTCATAGCTTAGAAGAAAAACAAAGTCAAGT
 GGCAAGTCAAATTAACGTCTTGACATTGAAGAAGGCACAACCTTGAAAAAGAACTAGCCTT
 TAACTCTCATCCAATCGTGAAAAAGTTGCAAAAAGAAAAAGTTGAAGAGGCTCAAAAAG
 CATTAAACAGAAACCTTATCTCAAATTAATACTAAAAAGCTATCTTAAATGATTTAACAC
 AAGAAAAAGCAAAATTGACGTCAGCAATCACAACAACCTGAACAACAATTTGTTTTGTTGA
 AGAATCATTTAGCAAATCAAGTGGCGAATGCTCCAAAAATCAGCAGTATTGTCCAAAGAT
 CAGAAAACAATGGAGTAAGACCTGATGTTTCTGATACAAGAGAGAAGGCAGTAGATACT
 GCTCAAGAAGCGACAATTCTTGCTCAAGCAGAAACAATGGCTGAAGAAGTCATTACAAAT
 TCTGCAAAAGCCATTGTTGCAAATGCTCAAAATGTTGCACAAGAGATTATGAAAGTAGCA
 CCTGAAGTAACACCTGATCAAGGAGTTGTTGCAAAAGTTGCAGATAATATTAAGAAAAAT
 AATGCCCCAGCAAGTAAATCATATGGTGCAAGTTCATCAACTGTAGGAAATGCTACTTCTT
 CACGAGATGAAAGTACAAAACGTGCTTTAAGAGCAGGAATTGTTATGCTGGCAGCAGCAG
 GACTTACTGGTTACAACTCAGAAGAGATGGCAAAAAATAAGAAAATCAAAGGAAAAAT
 TGATTGACAGAAAGTACCGTCTATGTTACTATAGTAGACGGTACTTTTACTTTTGGTCTCT
 CAAAAGTGACAGAGACGTGCTGACAATTGTTGCAAAAGTACACACAGATATAGGCTGTC
 ACCAAGTGCTATATCAACCA

FIGURE 5

ValIleTrp***GluTrpLeuPheLeuLeuLysMetLeuLysLysAsnValAsnArgTrp
 HisIleAsnHisCysLeuLysPheLeuLys***MetSerArgThrIleLysSerSerLeu
 LysLeuGlyIlePheLeuThrIleTyrAsnValTrpArgGluLysGlyAsnIleMetGlu
 LeuGluAsnThrLysSerAsnGlnIleLysThrThrLeuAlaLeuThrSerThrLeuAla
 LeuLeuGlyThrGlyValGlyMetGlyHisThrValAsnAlaAspAspMetThrThrAla
AspGlnSerProLysLeuGlnGlyGluGluAlaThrLeuAlaProThrAsnIleGluAsp
 ThrLysAlaAlaIleAspThrLysThrAlaThrLeuAlaGluGlnThrAspAlaLeuAsn
 ThrValAsnGluThrIleThrSerThrAsnGluGluLeuAlaThrLeuGluGlyGlyLeu
 AlaAspLysGluThrAlaValAlaAspAlaGluLysThrLeuGluSerValSerAsnAla
 SerGluGluGluPheAsnGlnLeuAlaGluGlnAsnLysAlaAspLeuAlaLysThrGln
 GluGluLeuLysLeuAlaGluAlaThrLysGluGluValAlaThrGlnValLeuThrGln
 SerAspGluValThrAlaAlaAlaAsnGluAlaLysLysMetAlaGluLysValAlaGln
 AlaGluThrLysValSerAspLeuThrLysMetValAsnGlnProGluAlaIleThrAla
 GlnValGluIleGluGlnAsnAsnValLysIleIleSerGluAspLeuAlaLysAlaLys
 ThrAspLeuValAlaValThrAspAsnThrLysThrGlnLeuAlaAsnAspLeuAlaThr
 AlaGlnSerSerLeuSerAlaLysGlnAsnGluLeuAlaLysValGlnSerGlnThrSer
 AsnValAlaValAsnValMetGlyAlaAsnLysMetValAlaProThrAsnTyrProIle
 AsnGluIleLysLysLeuMetSerSerGlyTyrIleGlyThrGlnSerTyrLeuAsnThr
 PheTyrAlaLeuLysAspGlnLeuValSerLysAlaGluValGlyAlaTyrLeuAsnHis
 TyrValAspIleAlaSerAspLeuAsnArgIleValAsnProAspAsnLeuSerValGlu
 ValGlnAsnGluLeuAlaValPheAlaAlaThrLeuIleAsnSerValArgGlnGlnPhe
 GlyLeuSerAlaValGluValThrGlnGlyAlaGlnGluPheAlaArgThrLeuThrGln
 AsnTyrLysAlaThrHisGlyAsnThrValProPhePheAsnTyrAsnGlnProGlyLys
 AsnGlyHisIleGlyIleGlyProHisAspArgThrIleIleGluGlnAlaAlaThrSer
 ValGlyLeuLysAlaAsnAspAspAsnMetTyrGluAsnIleGlyPhePheAspAspVal
 HisThrValAsnGlyIleLysArgSerIleTyrAsnSerIleLysTyrMetLeuPheThr
 AspLeuThrTyrGlyAsnThrPheGlyHisThrValAsnLeuLeuArgSerAspLysThr
 AsnProSerAlaProValTyrLeuGlyValSerThrGluThrValGlyGlyLeuAsnThr
 HisTyrValIlePheProAlaSerAsnIleValAsnAlaSerGlnPheSerLysGlnVal
 ValSerGlyProLeuThrThrValAspAsnSerAlaLysIleSerThrLeuGlnAlaSer
 IleAlaSerValGluSerLysIleGlnThrLeuGlnLysArgIleAlaAsnIleSerSer
 GluAlaLeuValIleSerAlaGlnArgLysValAspGlyLeuAlaAlaLysLeuGlnLys
 AlaGluSerAsnValGluLysAlaLysAlaGlnLeuGlnGlnLeuLysAspSerLysGlu
 AspLeuHisLysGlnLeuAlaPheAlaLeuSerThrArgLysAspLeuLysGlyGlnLeu
 AspGluSerLeuValHisLeuAsnGlnSerLysIleLeuPheHisSerLeuGluGluLys
 GlnSerGlnValAlaSerGlnIleAsnValLeuThrLeuLysLysAlaGlnLeuGluLys
 GluLeuAlaPheAsnSerHisProAsnArgGluLysValAlaLysGluLysValGluGlu
 AlaGlnLysAlaLeuThrGluThrLeuSerGlnIleLysThrLysLysAlaIleLeuAsn
 AspLeuThrGlnGluLysAlaLysLeuThrSerAlaIleThrThrThrGluGlnGlnIle
 ValLeuLeuLysAsnHisLeuAlaAsnGlnValAlaAsnAlaProLysIleSerSerIle
 ValGlnArgSerGluAsnAsnGlyValArgProAspValSerAspThrArgGluLysAla
 ValAspThrAlaGlnGluAlaThrIleLeuAlaGlnAlaGluThrMetAlaGluGluVal
 IleThrAsnSerAlaLysAlaIleValAlaAsnAlaGlnAsnValAlaGlnGluIleMet
 LysValAlaProGluValThrProAspGlnGlyValValAlaLysValAlaAspAsnIle
 LysLysAsnAsnAlaProAlaSerLysSerTyrGlyAlaSerSerSerThrValGlyAsn
 AlaThrSerSerArgAspGluSerThrLysArgAlaLeuArgAlaGlyIleValMetLeu
 AlaAlaAlaGlyLeuThrGlyTyrLysLeuArgArgAspGlyLysLys***GluAsnGln
 ArgLysAsn***LeuThrGluSerThrValTyrValThrIleValAspGlyThrPheTyr
 PheTrpSerLeuLysSerValGlnArgAlaAspAsnCysCysLysSerThrHisArg
 TyrArgLeuSerProSerAlaIleSerThr

FIGURE 6